PAPER NAME	AUTHOR NAME	ABSTRACT
INVENTORY MANAGEMENT IN RETAIL INDUSTRY APPLICATION OF BIG DATA ANALYTICS	Hien Vu	The retail industry is becoming rigorously competitive and narrowly profitable that retailers find themselves in a dilemma of neither excessive in-stock nor depleted out-ofstock is negotiable. This report investigates the answer to the question by providing a comprehensive evaluation of substantial inventory management models which are widely used by retailers throughout the history. Then it commences with the transformation that Big Data Analytics (BDA) made on inventory control. Results from literature review and inventory management practices show that BDA has made a great contribution to demand forecast improvement and inventory diminution. In particular, the application of BDA has significantly enhanced the preciseness in demand forecast and the visibility in inventory tracking, which conjointly support the reduction in inventory level. The report articulates the core problem of inventory management is the trade-off between shortage cost and overage costs. Again, the "performance frontier" graph indicates a pragmatic solution is introducing innovative to shift the efficiency curve. In this context, that innovative is BDA. The report finds the prospects of integrating BDA in the conventional inventory management techniques and promoting the viability and appropriateness of these models in the big-data era. However, the limitations of BDA underlie data challenges, processing challenges and management challenges. Finally, the connection between BDA and tradition operation concepts is presented with insightful lessons from the personal perspective
Inventory management for retail companies: A literature review and current trends	1.Cinthya Vanessa Muñoz Macas 2.Jorge Andrés Espinoza Aguirre 3.Rodrigo Arcentales-Carrión 4. Mario Peña	In recent years, the correct management of inventories has become a fundamental pillar for achieving success in enterprises. Unfortunately, studies suggesting the investment and adoption of advanced inventory management and control systems are not easy to find. In this context, this article aims to analyze and present an extensive literature concerning inventory management, containing multiple definitions and fundamental concepts for the retail sector. A systematic literature review was carried out to determine the main trends and indicators of inventory management in Small and Medium-sized Enterprises (SMEs). This research covers five years, between 2015 and 2019, focusing specifically on the retail sector. The primary outcomes of this study are the leading inventory management systems and models, the Key Performance Indicators (KPIs) for their correct management, and the benefits and challenges for choosing or adopting an efficient inventory control and management system. Findings indicate that SMEs do not invest resources in sophisticated systems; instead, a simple Enterprise Resource Planning (ERP) system or even programs such as Excel or manual inventories are mainly used.

Retail Analytics: Driving Success in Retail Industry with Business Analytics	Sudeep B. Chandramana	Retailing is at the platform for more data-driven disruption because the quality of data available from internet purchases, social-network conversations, and recently, location-specific smart phone interactions have emerged into a new entity for digital based transactions. Improved performance, better risk management, and the ability to unearth insights that would otherwise remain hidden, are the benefits organisations reap through utilization of big data management. Retailers can benefit immensely form a structured analytics-driven approach that will help them understand how their customers are using their products and services, how their operations and supply chain are performing, how to manage their workforce and how to identify key risks - insights that they then can then act upon. The pace and the dexterity with which micro data is collected, gives the retailers immediate insights on the shopping trends. This analysis on the move allows them to adjust their prices and add to the lure by announcing on the spot discounts on the sales floor based on their current and previous shopping patterns. This data, often collected through interactive mobile devices in stores, provides the retailer an understanding of the buyers needs and give insights into making smarter decisions about product placement in the store. Data capture and analytics usage certainly have come a long way in the last ten years, and it is interesting to look back on how trends in data analytics have affected the marketplace. As the Internet of Things expands further and our world becomes even more connected, this space will continue to evolve
Big Data Analytics- In Retail Sector	1.J.Phani Prasad 2. T. Venkatesham	Retailing concept has fundamentally changed the business, and the customers at present have the ability to use and access to the variety of products offered with the help of retail outlets in many forms. In order to compete with the global market and business needs and as well as for better growth, retail companies are using marketing strategies based on the aspect of data. This has made a way for companies in retailing where data being a major source to understand the timely needs of customers and in the prediction of the buying behaviour of the customers. Retail companies are finding different ways to extract meaningful information from large data sets through different sources, and in various formats. Big data is one of the technologies in present days which are helping the retail industries. Companies are trying to understand how big data and analytics can empower them to take right decisions. In this study it tells about how big data analytics impacts retail sector
IMPACT OF BIG DATA ON THE RETAIL INDUSTRY	1.A. Seetharaman 2. Indu Niranjan 3.Varun Tandon 4.A. S. Saravanan	With the recent emergence of Big Data with its Volume, Variety and Velocity (3V's), data analysis has emerged as a crucial area of study for both practitioners and researchers, reflecting the magnitude and impact of data-related problems to be resolved in business organizations, including the retail industry. This study has methodically identified and analysed four factors, namely, data source, data analysis tools, financial and economic outcomes and data security and data privacy, to gauge their influence on the impact of Big Data in the retail industry. This research analyses the impact of big data analysis on retail firms that use data and business analytics to make decisions, termed a data-driven decision-making (DDD) approach. The new finding is arrived that financial and economic outcome showed a strong support and have direct relationship with data analysis tools of retail industry. Data for the study were collected using a survey of various business practices and investments in information technology by retail organizations. The data analysis showed that retail organizations which use DDD have higher output and productivity. Using SMART PLS data analysis methods with solid support of review from ISI Journals, the relationship between DDD and performance is also evident in aspects of organization such as the utilization of inventory, customer engagement and market value in the retail industry.